INTERNATIONAL SEARCH REPORT

Internati Application No PCT/GD 03/01283

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01B9/06 F02B75/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $7\ \ F01B\ \ F02B$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to dalm No.
Х	US 3 945 358 A (COLLINS BRAIN STANLEY) 23 March 1976 (1976-03-23) figures 1,2 abstract	1-6
A	column 1, line 45 - line 68 column 2, line 1 - line 64	7–47
X	US 5 553 574 A (DUNCALF D JAMES) 10 September 1996 (1996-09-10) figures 1-14 abstract	1-5, 14-38
A	column 8, line 1 -column 10, line 50 column 13, line 1 -column 14, line 67	6-13, 39-47
	-/	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the international filing date C document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
4 June 2003	11/06/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Wassenaar, G

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PCT/GE 03/01283

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C.(Continua Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Cliation of document, with indication, where appropriate, of the relevant passages			
	Onation of debanisming management appropriate			
X	US 2 173 303 A (KOEHLER EDWARD C) 19 September 1939 (1939-09-19) figures 1-4 claims 1-6	1-5		
Α	page 1, line 1 -page 2, line 13	6-47		
	And the second second			
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INTERNATIONAL SEARCH REPORT

Ir. ation on patent family members

Internati · · · Application No PCT/GB 03/01283

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 3945358	A	23-03-1976	JP	50025908 A	18-03-1975
			DE	2418121 A1	14-11-1974
			FR	2226561 A1	15-11-1974
			GB	1447168 A	25-08-1976
			HK	59480 A	31-10-1980
US 5553574	A	10-09-1996	AU	673507 B2	14-11-1996
	٠.	199	AU	3241193 A	28-06-1993
	.*	<i>.</i> •••	EP	0615575 A1	21-09-1994
			JP	7504729 T	25-05-1995
			PL	171033 B1	28-02-1997
			SK	67994 A3	10-05-1995
			CZ	9401372 A3	18-01-1995
			WO	9311342 A1	10-06-1993
US 2173303	A	19-09-1939	NONE		